



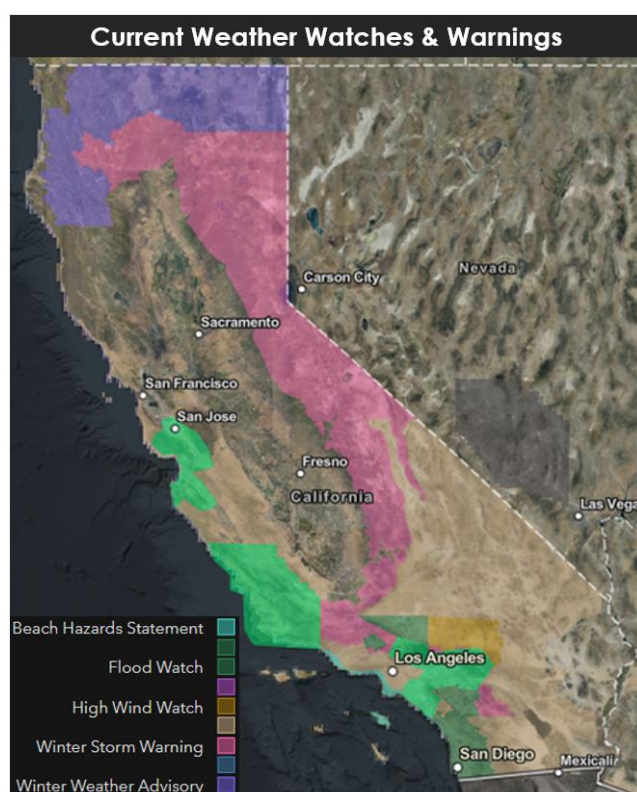
**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# Situation Cell Incident Report

2022 November Storm Systems Event

November 8, 2022 - 1000 hours

Report No. 05



## ***Incident Summary***

A prolonged atmospheric river event will impact much of the state through Wednesday, bringing low elevation rain, heavy mountain snow, and periods of gusty winds.

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# Situation Cell Report

## 2022 November Storm Systems Event

Report Date:

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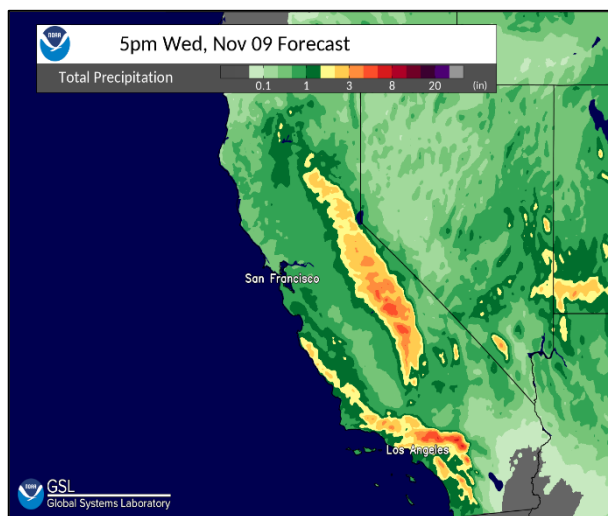
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### Situation Cell Overview

#### National Weather Service (NWS)

##### Key Points:

- A prolonged atmospheric river event will impact much of the state through Wednesday, bringing low elevation rain, heavy mountain snow, and periods of gusty winds.
- **Heavy Rain and Flooding Potential:**
  - Precipitation will increase in coverage for much of the state today and tonight before gradually tapering off Wednesday. The most widespread and heaviest precipitation will occur this morning through late this evening.
  - Total additional liquid precipitation amounts of 2 to 5 inches are forecast in the mountains, with localized amounts of 8+ inches possible over portions of the Southern California mountains.
  - Rainfall rates are expected to increase through the morning with rainfall rates of 0.5 to 1 inch per hour at times through 1700 hours. Rainfall rates could briefly reach 1 to 1.5 inch per hour near any embedded thunderstorms (storms may also produce accumulating small hail in a few locations). These rain rates may be sufficient to produce rockslides and mudslides in steep terrain, especially in the vicinity of recent burn scars.
  - **A Flood Watch is in effect for portions of Central and Southern California through early Wednesday. Burn scar areas of concern include and are not limited to: Fish, Apple/El Dorado, Dam, River, Route, Bobcat, Lake, Colorado, Bond/Silverado.**
- **Heavy Snow, Gusty Winds, and Cold Temperatures:**
  - Significant mountain snow accumulation of 1 to locally 3 feet, locally up to 4 feet, is expected over the Sierra and far Northern California mountains, mainly above 4,500 feet.
    - Snow amounts of 6 to locally 20 inches are forecast above 6,000 feet in Southern California.
    - Falling snow levels may bring lighter accumulation of 2-6 inches down to as low as 5,000 feet over Southern California, especially tonight and Wednesday.



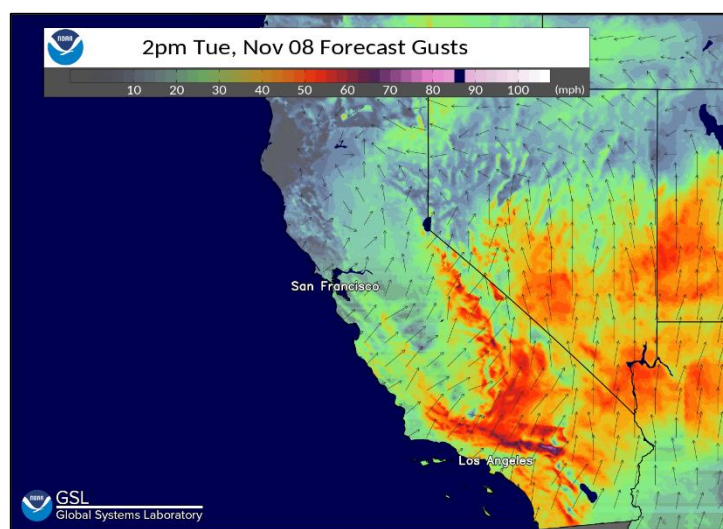
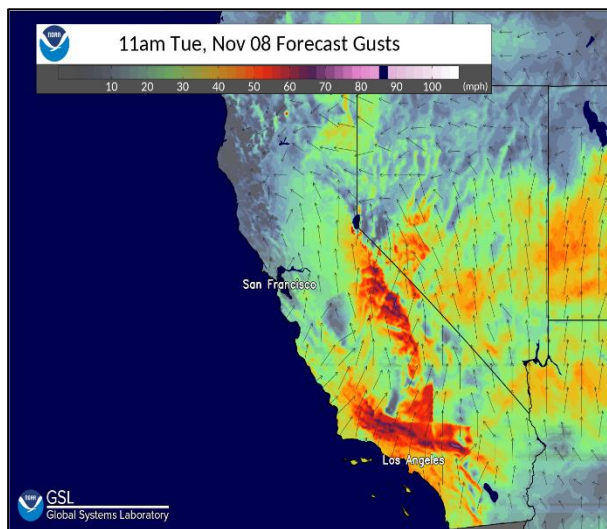
- Road closures possible due to heavy snowfall, especially for the Sierra passes, creating long travel delays, chain controls, and risk of highway closure.

- Strong winds gusting 40 to locally 60 mph will also accompany this storm, especially today and tonight, and particularly over the Sierra and for many Southern California mountain and foothill locations.

- These winds will bring areas of blowing snow and greatly reduced visibility over the Sierra and higher Southern California elevations. Very difficult travel conditions are expected.
- Local gusts nearing 75 mph are also possible across the Los Angeles County mountains and Antelope Valley.

- Very cold temperatures will follow the storm Thursday and Friday, with readings near freezing across the Central Valley and temperatures in the single digits over the Sierra.

• **Current Weather Watches & Warnings:** [NWS Hazards Summary \(noaa.gov\)](https://www.noaa.gov/hazards)



### Activations

Organization	Type	Activation Level	Operational Period
Situation Cell	Virtual	Enhanced Watch	24/7
PG&E	EOC	Level 4 – In Person	A Shift: 0600-1800 hours B Shift: 1800-0600 hours
Los Angeles County Office of Emergency Management	Hybrid	Level 3 – Hybrid	1000- 2200 hours





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Organization	Type	Activation Level	Operational Period
City of Duarte	EOC	Level 3	2300 - 1100 hours (in-person) 1100 - 2300 hours (remote)

#### Proclamations

County	Local Emergency Proclamation	Local Ratification	Public Health Emergency	Local Health Ratification	Governor's State of Emergency	CDAA	Federal Assistance
-	-	-	-	-	-	-	-

#### State Planning/Response Actions

##### Watershed/Debris Flow Task Force

At this time there is low to very low risk of flash flooding or debris flows occurring in Northern and Central California, with a moderate to high risk at the more sensitive Southern California burn scars.

##### Northern California Impacts:

- **NWS Sacramento** is not reporting any debris flow potential within the Sierras or Coastal Range.
  - Snow levels in the mountains will range from 3,000 feet to 4,500 feet through Wednesday morning.
- **NWS Medford** is reporting a "very low" likelihood of debris flows within the McKinney Fire burn scar with rainfall rates expected to stay below debris flow precipitation thresholds.

##### Central California Impacts:

- **NWS Hanford** is reporting a "low" risk of excessive rainfall that may trigger rockslides, mudslides, and debris flow flooding in steep terrain in and around burn scars through Wednesday morning.

##### Southern CA Impacts:

- **NWS San Diego** is reporting rainfall rates may meet or exceed debris flow precipitation thresholds at Apple/El Dorado and Bond Fire burn scars from 1200 to 2400 hours Tuesday.
  - Snow levels are expected to begin at about 7,000 feet Monday and drop to about 5,000 feet by Wednesday morning.
  - Heavy rainfall of up to 1 inch per hour or more is forecast for the San Bernardino Mountains with widespread rainfall totals of 4 to 6 inches widespread, with potential for localized totals of 8 to 9 inches. Flash flooding and debris/mudflows are possible throughout the area, particularly within the Bobcat and Radford Fire burn scars.
- **NWS Los Angeles** is reporting 50-60% chance of minor debris flows at Fish and Route Fire burn scars through Wednesday.

##### Fuels Task Force

##### California Energy Commission (CEC)

- CEC staff is maintaining situational awareness:
  - CEC staff tracking situations that may impact electricity supply.
  - CEC staff tracking situations that may impact liquid fuels supply.
- CEC will maintain multi-agency reliability team communications and coordinate as needed.
- CEC media will work with energy principles to coordinate messaging if needed.

##### Inland Region

- There are no significant impacts or unmet needs reported from the Inland Region OAs.



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#### Coastal Region

- Coastal Region has nothing significant to report at this time.

#### Southern Region

- Imperial County
  - Nothing significant to report.
- Inyo County
  - Inyo County maintains community centers with back-up power that can be activated as warming centers if conditions warrant.
  - The Inyo County Sheriff's Office is distributing situational information via its social media pages. Additional alerts/warnings will be issued as conditions arise.
- Los Angeles County
  - The EOC will monitor any impacts the storm may have on polling places and voting access
  - LA County is sending Nixle notifications to residents in vulnerable areas.
  - LA City and LA County are pushing out information regarding the 311 and 211 information lines, messaging via social media and PSA.
  - LA County Public Works (LADWP) released a mud and debris flow forecast for significant burn scars. Update 11/07/22 at 1206 hours:
    - A Phase 2 forecast was issued for the Fish, Grandview, Ranch 2, Bobcat, Lake Tujunga, Soledad, and Equestrian burn scars.
    - Phase 2: Anticipate moderate to heavy flooding and mudflow/sediment deposition on burned canyons and flat areas below the burned hillsides.
    - A Phase 1 mud and debris flow forecast was issued for the Getty, Tick, Saddleridge, and Colorado Fire Burn Scars.
    - Phase 1: Anticipate minor to moderate flooding and mudflow/sediment deposition below burned canyons.
  - LADPW activated flood patrols. The patrols canvass vulnerable areas 24 hours a day through the duration of the event.
  - LADPW Building and Safety have a mechanism that can be deployed for grading and deployment when alerted by LA Fire Department.
  - Los Angeles World Airport - Patrolling known flood-prone areas within the region that have had historical issues.
  - The City of Los Angeles hosted an Adverse Weather Coordination meeting today.
    - The city currently is in Phase 2 of the Adverse Weather Plan.
    - Augmented winter sheltering program is distributing hotel vouchers and increasing sheltering capacity for People Experiencing Homelessness (PEH).
    - Hotels require ID for PEH with vouchers.
    - Shelters do not require ID.
  - LA Department of Water is monitoring for any power issues or outages that may affect polling stations.
  - LA County OEM and Public Health is activating the Augmented Winter Sheltering Program for PEH.
  - LA City Fire and LADPW is offering free sandbags and sand via public messaging.
  - LA City Fire has two swift water teams in place.
  - [School Closures – City of Duarte](#)
    - [Valley View Elementary School, 237 Mel Canyon Road, Duarte.](#)



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- Mono County
  - Mono County maintains community centers with back-up power throughout the operational area that can be activated as warming centers as conditions warrant.
  - Mono County distributes public messaging through its various social media pages. Incident specific information can be found at [ready.mono.ca.gov](http://ready.mono.ca.gov), once activated by the County.
- Orange County
  - Orange County hosted a Bond Fire Debris Coordination on 11/07/22.
  - Orange County Sheriff's Department (OCSD) has entered Phase II of their Bond Fire Debris Flow coordination and evacuation plan.
  - OCSD will begin door-knock evacuation notifications at 0400. Voting station to be closed at Library of the Canyons. Door-knocks to include notice of alternate voting locations (leaflet).
  - Soft road closures begin during notification period.
  - An Information hotline will be setup by the EOC.
  - EOC activation will be determined by further activity.
  - Red Cross to stand up evacuation shelter at location to be determined.
  - AFN and large animal early evacuations are recommended.
- Riverside County
  - Fairview Fire burn scar – The NWS Burn Scar Debris Flow Briefing at 1330 on 11/06/22 hours, forecasts heavy rain over the burn scar Tuesday into Wednesday. The rainfall rates are expected to be below debris flow thresholds.
  - The EMD Duty Officer is continuing to monitor the weather reports and push applicable information to the Burn Scar Task Force members within the OA for situational awareness.
  - Riverside County sent a flash flood warning WEA to the Santa Ana Riverbed at approximately 1000 hours.
    - Notifications for this warning message were sent to the County Fire Contact and the Emergency Managers for the cities of: Jurupa Valley, Eastvale, Norco and Corona.
    - Riverside County Housing and Workforce Solutions' Homeless Outreach is coordinating staff to provide outreach to the homeless populations that frequent the river bottom.
  - [Sandbags are available at most fire stations within the county.](#)
  - Riverside County EMD will continue to monitor throughout the event and provide situational updates to OA partners and CalOES.
- San Bernardino County
  - [San Bernardino County is hosting a Flood Area Safety Task Force \(FAST\) Ops Group coordination call on 11/08/22 at 1000 hours.](#)
  - There is potential that evacuation warnings will be issued for communities below the El Dorado/Apple Burn Scar on 11/08/22.
  - San Bernardino County Fire Department has reported they will be requesting pre-positioning through Cal OES Fire/Rescue Branch for 11/08/22.
  - San Bernardino County Public Works will staff 24-hour shifts through the duration of the storm event (0600 – 1800; 1800 – 0600). San Bernardino County Public Works (SBDCoDPW) will pre-position heavy equipment (2 excavators, 3-wheel loaders, 1 D4 dozer, and 1 grader) in the Oak Glen area. Additional heavy equipment will be deployed to other mountain maintenance yards.



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- San Bernardino County OES and Public Works are maintaining communication with Caltrans District 8. Caltrans has reported to San Bernardino County OES that all maintenance stations are fully resourced and staffed, and they are conducting enhanced public outreach to provide accurate road information to the public.
- El Dorado/Apple Burn Scar – the NWS Burn Scar Briefing issued on 11/06/22 at 1345 hours shows the potential for rainfall rates to exceed debris flow thresholds Tuesday afternoon into Tuesday evening. San Bernardino County and OA partners may conduct Flood Area Safety Task Force meetings as conditions warrant. Updates regarding additional planning/preparedness actions will be provided throughout the day.
- In addition to the TENS system, alerts and community messaging will be issued via the ReadySB app and the County's various social media pages.
- **San Diego County**
  - San Diego County OES Duty Officer is monitoring the weather conditions.
- **San Luis Obispo County**
  - Nothing significant to report.
- **Santa Barbara County**
  - Nothing significant to report.
- **Ventura County**
  - The Ventura County Sheriff's Office of Emergency Services is currently tracking an upcoming storm system that will bring rain and mountain snow to the region through Wednesday.

#### Cal OES Fire & Rescue

- OES Fire and Rescue staff are coordinating with local Operational Areas (counties) to preposition fire apparatus and personnel to augment local resources in preparation for a Significant Weather event. The following resources have been requested by the local Operational Areas and approved via the California State Mutual Aid Pre-Incident Preparedness Guidelines.
- **Region I – 2 Pre-Positions**
  - **Orange County: Bond/Silverado/Blue Ridge Burn Scars**
    - XOR: 5 Cal OES Type 3 Engines, 1 Type 2 IA Crew, 1 Local Government Type 2 Dozer, 1 Local Government Swift Water Rescue Team, 1 Local Government Type 2 Helicopter, 1 Local Government Dispatcher
    - Start Date: 11/07/22 0800
    - Tentative End Date: 11/09/22 0800
  - **Los Angeles County: Fish Burn Scar**
    - XLB: 1 Local Government Type 1 Dozer, 1 Local Government Type 1 Hand Crew
    - Start Date: 11/07/22 2000
    - Tentative End Date: 11/08/22
- **Region 6 - 1 Pre-Position**
  - **San Bernardino County: El Dorado/Apple Burn Scars**
    - XBO: 1 Local Government Hand Crew Type 2 IA, 1 Wheeled Loader, 1 Local Government Dispatcher, 1 IMT Overhead
    - Start Date: 11/08/22 0800
    - Tentative End Date: 11/09/22 0800



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#### Evacuations - Cal OES Law Enforcement Branch

County	Area	Evacuation Warning	Mandatory Order
Orange	Bond Fire Burn Scar Area	0	2,500
Los Angeles	City of Duarte – Mel Canyon, between Brookridge and Fish Canyon	0	25
San Bernardino	Communities of Oak Glen, Forest Falls, Mountain Home Village, Angelus Oaks, and Northeast Yucaipa	158	0
Total		158	2,525

#### Further Information on Orange County Evacuations:

- <https://www.ocgov.com/news/effective-tuesday-november-8th-4-am-evacuation-warning-voluntary-issued-bond-fire-burn-area>
- <https://www.arcgis.com/apps/SimpleViewer/index.html?appid=d336e00909d04a669aafc10d756aea75>

#### Cal OES Alert & Warning

- A Voluntary Evacuation Warning Wireless Emergency Alert (WEA) was sent by Orange County at 1416 hours on 11/07/22 for the Bond Fire burn scar area. At 0900 hours on 11/08/22, the Evacuation Warning was upgraded to an Evacuation Order.
- An Evacuation Warning WEA was sent by San Bernardino County at 0703 hours on 11/08/22 due to the potential for mud and debris flow to the affected communities of Oak Glen, Forest Falls, Mountain Home Village, Angelus Oaks, and Northeast Yucaipa.

#### Office of Access and Functional Needs (OAFN)

- OAFN is partnered with community-based organizations (CBOs) serving older adults, individuals with disabilities, and people with access and functional needs throughout the state to identify and address unmet needs associated with the storm events.

#### Transportation

##### California Department of Transportation (Caltrans)

- Caltrans DOC in conjunction with the District 7 EOC is monitoring local conditions from the Los Angeles County Department of Public Works (LADPW) Mudflow PHASE 2 Forecast issued for 2200 hours 11/07/2022.
- Staff is on a call with LADPW for the following burn scars: Fish, Grandview, Ranch2, Bobcat, Lake, Tujunga, and Soledad fires.
- Caltrans will continue to monitor with local authorities as events warrant.
- Emergency Closure Report as of 0600 hours, 11/08/22:

Reason	County	Route	Lifeline NHS	Begin PM	End PM	General Location	Closure Direction	Detour Info	Closure Date/Time	Opening Time
Adverse Weather	Tuolumne/Mono	SR 120	No	56.5 (TUO)	8.5 (MNO)	From Crane Flat to 3 mi west of the Jct of US 395 /Tioga Pass	Both	-	10/31/22 1800 hours	TBD
Adverse Weather	Mono	SR 120	No	18.4	51.8	From 5 mi east of the Jct of US 395 /at Test Station Rd/ to 7 mi west of the Jct of US 6 /at Benton Crossing Rd	Both	-	11/05/22 1230 hours	TBD
Adverse Weather	Mono	SR 158	No	5.9	15.5	From 3.5 mi north of June Lake Village /at Power Plant/ to the North Jct of US 395 /June Lake Loop/	Both	-	11/05/22 1615 hours	TBD
Adverse Weather	Mono	SR 270	No	1	13.3	From the Jct of US 395 to Bodie	Both	-	11/05/22 1720 hours	TBD





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Adverse Weather	Inyo	SR 168	No	0	0.24	From Lake Sabrina to Aspendell	Both	-	11/06/22 0600 hours	TBD
Adverse Weather	Fresno	SR 180	No	116.8	137.9	From Hume Lake Rd to Kings Canyon National Park	Both	-	11/06/22 1200 hours	TBD
Slides	Los Angeles	SR 2	No	64.1	74.9	From Islip Saddle to 5 mi west of Big Pines	Both	-	11/07/22 1810 hours	TBD
Snow	Shasta	I 5	Yes	23.8	-	10 miles north of Redding at Fawndale	NB	-	11/07/22 2030 hours	TBD
Snow	Trinity/Siskiyou	SR 3	No	79.5 (TRI)	5.8 (SIS)	From 20 mi north of Trinity Center to 3 mi south of Callahan/Scott Mountain	Both	-	11/07/22 2127 hours	TBD

### Critical Infrastructure

#### California Utilities Emergency Association (CUEA)

- CUEA continues to monitor the storms throughout California. No significant impacts or outages have been reported due to the weather.

#### Pacific Gas and Electric (PG&E)

- PG&E has activated their EOC but do not plan to or anticipate opening any resource centers.

#### San Diego Gas & Electric (SDG&E)

- SDG&E meteorology department works closely with NWS. SDG&E does not have any current weather-related issues in their service territory.

#### Southern California Edison (SCE)

- SCEs IMT is on Alert through Wednesday.
- The storm will continue through Wednesday. SCE is expecting rain, snow (at the higher elevations) and wind gusts in the 50 mph range. While this storm is expected to result in power outages SCE is not expecting widespread outages; staffing has been adjusted to manage storm impacts.
- SCE has a plan in place for escalated response if polling locations are impacted – this plan has been shared with County Emergency Management agencies in SCE's service territory.
- SCE has reached out to coordinate with Los Angeles and San Bernardino County Emergency Management Agencies.

#### San Joes Water

- San Jose Water is monitoring the weather and has nothing significant to report.

#### Siskiyou Telephone Company

- Siskiyou telephone company has no impacts currently.

#### AT&T

- AT&T is actively monitoring the November Storm Systems via their AT&T Weather Operations Center (AWOC). Network Operations is prepared and will engage available resources based on need and feasibility. AT&T community isolation outage reporting is in place and AT&T is reporting outages to Cal OES as required.

#### Verizon

- Verizon has nothing to report at this time. All operations are business as usual. The Verizon network is designed with resiliency for weather events such as this one.



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#### Shelters – California Department of Social Services (CDSS)

- Disaster Services Branch is monitoring weather conditions/evacuation orders across the state.

County	Location	Address	Type	Status	Overnight Population
Los Angeles County	Duarte Community Center	1600 Huntington Drive Duarte	Evacuation Center	Open	-
Orange County	Norman P. Murray Community & Senior Center	24932 Veterans Way, Mission Viejo	Care and Reception	Open	-

#### Public Health/Medical

##### California Department of Public Health (CDPH)

- CDPH is monitoring the event.
- Nothing significant to report at this time.

##### Emergency Medical Services Authority (EMSA)

- EMSA maintains regular activities of communication and coordinating with local and regional Medical/Health programs (MHOAC/RDMHC) for situational awareness and reporting.
- EMSA is prepared to support in the event of a request for assistance.

##### California Department of Healthcare Services (DHCS)

- DHCS has nothing significant to report at this time.

#### Other State Agency Reports

##### California Conservation Corps (CCC)

- CCC has nothing significant to report at this time.

##### California Department of Water Resources (DWR)

- DWR has nothing significant to report at this time.

##### California National Guard (CNG)

- Nothing significant to report; ready to assist as required.

Report approved by: Cal OES Executive Duty Officer